5,678,290 5,160,403

6,291,317

| | | (1) | EV3 | 55 | 227245 | PATENT Sheet 1 | APPLICATION of 2 | |
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| | | | | | ATTY, DOCKET NO. | APPLICATION NO. | CONFIRMATION | NO. |
| 1-0 |)KR | PTO-1449 | | | 200209209-1 | 10/661,868 | | |
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| REFERE | NCE | DESIGNATION | U.S. PA | TEN | T DOCUMENTS | | | |
| EXAMINES INITIAL | | DOCUMENT NUMBER | PUBLICATION DATE | | NAME | Pages, Column Relevant Passages | | |
| IN | 1A | 5,266,528 | Nov 30, 1993 | Ya | mada | | | |
| | 1B | 5,081,063 | Jan 14, 1992 | Vo | nno et al. | | | |
| | 1C | 6,286,938 | Sep 11, 2001 | Ok | ano et al. | | | |
| | 1D | 5,578,418 | Nov 26, 1996 | No | guchi et al. | | | |
| | 1E | 6,074,048 | Jun 13, 2000 | Ho | tomi et al. | | | |
| | 1F | 6,271,102 | Aug 7, 2001 | Bro | ouillette et al. | | | |
| | 1G | 5 369 060 | Nov 29, 1994 | Ba | umann et al. | | | |

Fukae

Good

Fisher et al.

Salatino et al.

Jan 26, 1998

Oct 21, 1997

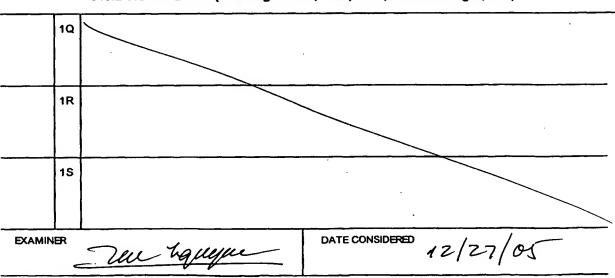
Sep 18, 2001

Nov 3, 1992

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | PUBLICATION DATE | NAME OF PATENTEE OR APPLICANT | Pages/Columns/Lines Where Relevant Passages/Figures Appear | Check if Translatio attached |
|----------|----|--------------------|------------------|----------------------------------|---|------------------------------------|
| | 1L | | | | | |
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| <u> </u> | 1P | | | | | |

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)



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|----|------|--------------------------------------|--------------------|---------------------|-------|---------------|--------|-------|--|---|-------------------------------------|
| | F(| ORM | PTO-1449 | | | ATTY. D | | |). | APPLICATION NO. CONFIRMAT | ION NO |
| | | LIST OF PATENTS AND PUBLICATIONS FOR | | | 20020 | | 9-1 | | 10/66/868 | | |
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| | | STATEMENT Buswell FLING DATE | | | GROUP | _ | | | | | |
| | | (1 | Use several sheets | if necessary) | | 09 | 112 | 120 | 03 | 3729 | |
| RE | FERE | NCE | DESIGNATION | U.S. PA | TEN' | r Docu | MEN | ITS | | | |
| | MINE | | DOCUMENT NUMBER | PUBLICATION DATE | | NAME | | | Pages, Columns, Lines Where Relevant Passages or Figures Appe | ear | |
| 1 | 2 | 1A | 6,041,501 | Mar 28, 2000 | Suz | zuki et al. | • | | | | |
| | T | 1B | 6,241,335 | Jun 5, 2001 | Suz | zuki | | | | | |
| | Τ | 1C | 6,318,844 | Nov 20, 2001 | Wil | teveen e | t al. | | | | |
| | P | 1D | 5,818,481 | Oct 6, 1998 | Ho | tomi et a | l | | | | |
| | | 1E | | | | | | | | | |
| | | 1F | | | | | | | | | |
| _ | | 1G | | | T | | | | | 1) | |
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| | | 1P | | | | | | | | | |
| | | | OTHER REF | ERENCES (includin | g Au | thor, Ti | tle, C | Date, | , Per | tinent Pages, etc.) | |
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|---|----------------------|--|---|----------------------------------|--|--------|---|-----------|-----------------------------|
| | JAGWI I | PTO-1449 | | | 200209209-1 | | 10/661,868 | | |
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| | | 2501011471011 | >. ' | | <u> </u> | | | | _ |
| | | DESIGNATION | | AIEN | r documents | | | | |
| EXAMINER | | DOCUMENT NUMBER | PUBLICATION DATE | _ | NAME | | Pages, Columns Relevant Passages | | ear |
| TN | 1A | 4,746,935 | 05-24-1988 | All | en | | | | |
| | 1B | 4,887,100 | 12-12-1989 | Mic | chaelis et al. | | | | |
| | 1C | 5,387,314 | 02-07-1995 | Bai | ighman et al. | | | | |
| | 1D | 5,391,236 | 02-21-1995 | Κn | t et al. | \neg | \ | | |
| | 1E | 5,408,739 | 04-25-1995 | Alt | avela et al. | | | | |
| | 1F | 5,441,593 | 08-15-1995 | Bau | ighman et al. | | | | |
| | 1G | 5,455,998 | 10-10-1995 | Miy | azono et al. | | | | |
| | 1H | 5,658,471 | 08-19-1997 | Mu | rthy et al. | | | | |
| | 11 | 5,825,076 | 10-20-1998 | Kot | vas et al. | | | • | |
| | 1 J | 5,998,234 | 12-07-1999 | Mu | rata et al. | | | | |
| TH | 1K | 6,113,225 | 09-05-2000 | Miy | ata et al. | | • | | |
| | | DOCUMENT | PUBLICATION | N. | ME OF DATENITEE | i | Pages/Columns/Line | s Where | |
| | | DOCUMENT NUMBER | PUBLICATION DATE | . N | AME OF PATENTEE OR APPLICANT | Re | Pages/Columns/Line evant Passages/Figu | | Transla |
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| TH | | NUMBER EP 0430593 | DATE 06-05-1991 | Xerox | OR APPLICANT Corporation tt-Packard | Re | | | Transla |
| TP | 1M | NUMBER EP 0430593 EP 0609012 | DATE 06-05-1991 08-03-1994 | Xerox Hewle | OR APPLICANT Corporation tt-Packard | Re | | | Transla |
| H H H H H H H H H H | 1M 1N | NUMBER EP 0430593 EP 0609012 EP 0764533 | DATE 06-05-1991 08-03-1994 03-26-1997 | Xerox Hewle | OR APPLICANT Corporation tt-Packard rk Int. orporation | Re | | | Transla |
| H H H | 1M 1N 10 | NUMBER EP 0430593 EP 0609012 EP 0764533 EP 1138491 JP110198387 | DATE 06-05-1991 08-03-1994 03-26-1997 10-04-2001 07-27-1999 | Xerox Hewle Lexma NEC C | OR APPLICANT Corporation tt-Packard rk Int. orporation | | evant Passages/Figu | | Transla |
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| · F0 | ORM I | PTO-1449 | | | ATTY. DOCKET NO. 200209209-1 | APPLICATION NO. CON 10/661,868 | FIRMATION | N |
| U | ST O | F PATENTS AND P | UBLICATIONS FOR | | APPLICANT | 10/001,000 | | |
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| (Use several sheets if necessary) | | | FILING DATE | GROUP 3729 | | | | |
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| EFERE | NCE | DESIGNATION | U.S. PA | ATEN' | T DOCUMENTS | | | |
| KAMINER INITIAL | | DOCUMENT NUMBER | PUBLICATION DATE | | NAME | Pages, Columns, Line Relevant Passages or Figu | | |
| TN | 2A | 6,117,347 | 09-12-2000 | ish | ida | | | |
| } | 2B | 6,139,132 | 10-31-2000 | Ya | sukawa et al. | | | |
| 1 | 2C | 6,143,190 | 11-07-2000 | Ya | gi et al. | | | |
| | 2D | 6,238,269 | 05-29-2001 | Pol | llard et al. | | | |
| - | 2E | 6,267,904 | 07-31-2001 | Silv | verbrook | | | |
| + | - | 6,312,612 | 11-06-2001 | She | erman et al. | | | |
| 1 | - | 6,467,876 | 10-22-2002 | Ka | rasawa et al. | | | |
| 70 | - | 2003/0140497 | 07-31-2003 | Riv | as et al. | | | |
| | 21 | | | 十 | | | | |
| | 2J | | | # | | | • | |
| | 2K | | | | | | · ·· | |
| | | DOCUMENT | FOF PUBLICATION | | I PATENT DOCUME | Pages/Columns/Lines Whe | . Che | |
| | | NUMBER | DATE | | OR APPLICANT | Relevant Passages/Figures Ap | | |
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Complete if Known | | | | |
|------------------------|-------------|--|--|--|
| Application Number | 10/661868 | | | |
| Filing Date | 09/12/2003 | | | |
| First Named Inventor | Buswell | | | |
| Art Unit | 3729 | | | |
| Examiner Name | 3729 | | | |
| Attorney Docket Number | 200209209-1 | | | |

| | | | U. S. PATENT | DOCUMENTS | |
|-----------------------|--------------|---|--------------------------------|--|--|
| Examiner Initials* | Cite No.1 | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant |
| | | Number-Kind Code ² (1 known) | | | Figures Appear |
| TN | | ^{US-} 6,345,885 | 02/12/2002 | Lin et al. | |
| 1 | | ^{US-} 2003/0164355 | 09/04/2003 | Park | 1/ |
| | | US- 6,412,921 | 07/02/2002 | Manini | |
| | | US- 2002/0180840 | 12/05/2002 | Matsumoto et al. | |
| TN | | ^{US-} 2003/0095166 | 05/22/2003 | Tan et al. | |
| | | US- | | | |
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| | | FORE | IGN PATENT DOCU | MENTS | | |
|-----------------------|--------------|---|---------------------|--|---|----|
| Examiner Initials* | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | Ι. |
| | | Country Code ³ "Number ⁴ "Kind Code ³ (if known) | MM-DD-YYYY | | Or Relevant Figures Appear | L |
| TN | | GB2,384,753 | 08-06-2003 | HP | | L |
| T | | GB2,384,752 | 08-06-2003 | HP | | |
| | | GB Srch Rpt for | | | | |
| TU | | GB0420178.6 | 11-30-2004 | | | |
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| Examiner | 1. 2 | Date | 12/27/05 |
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| Signature | la value | Considered | 12/21/03 |

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